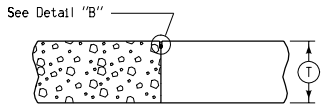
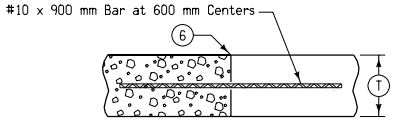
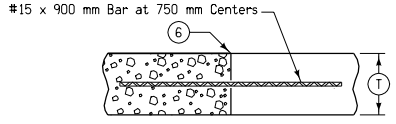


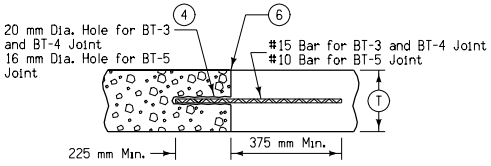
'B'
PLAIN JOINT
For Abutting Pavement Slabs



'BT-1'
ABUTTING PAVEMENT JOINT - RIGID TIE
Where T is Less Than 200 mm



'BT-2'
ABUTTING PAVEMENT JOINT - RIGID TIE
Where T is 200 mm or more



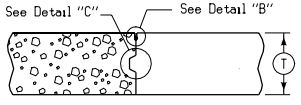
ABUTTING PAVEMENT JOINT - RIGID TIE
Where T is 200 mm or more

'BT-3'
600 mm Long at 750 mm Centers

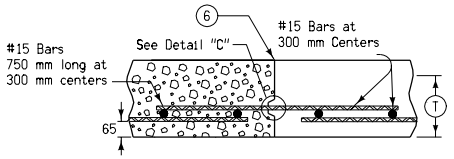
'BT-4'
600 mm Long at 375 mm Centers

Where T is less than 200 mm

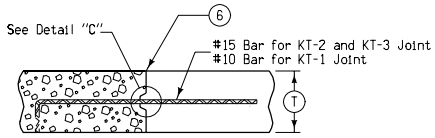
'BT-5'
600 mm Long at 750 mm Centers



'K'
KEYED JOINT FOR ADJACENT SLABS
Where T is 200 mm or more



'KS'
Longitudinal Joint for Reinforced Pavement



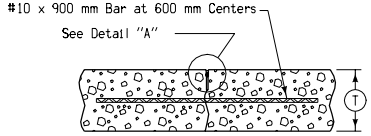
ABUTTING PAVEMENT JOINT - KEYWAY TIE
Where T is less than 200 mm

See Notes (1) (5) 'KT-1'
750 mm Long at 750 mm Centers

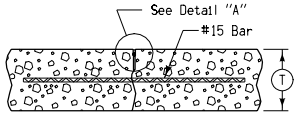
Where T is 200 mm or more

See Notes (1) (5) 'KT-2'
750 mm Long at 750 mm Centers

See Notes (1) (5) 'KT-3'
750 mm Long at 375 mm Centers



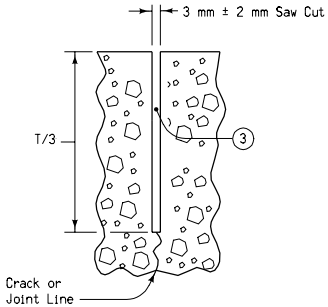
'L-1'
Where T is Less Than 200 mm



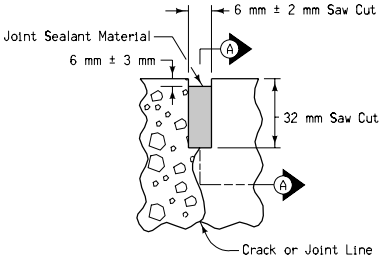
(Where T is 200 mm or more)

See Note (5) 'L-2'
900 mm Long at 750 mm Centers

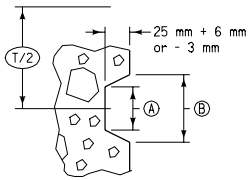
See Note (5) 'L-3'
900 mm Long at 375 mm Centers



DETAIL "A"

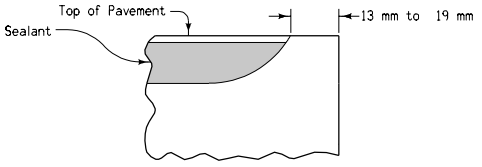


DETAIL "B"



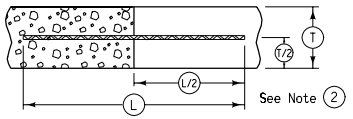
DETAIL "C"

KEYWAY DIMENSIONS			
Keyway Type	Pavement Thickness	(A)	(B)
Standard	200 mm or greater	45	70
Narrow	Less than 200 mm	25	50



SECTION A-A
Detail at Edge of Pavement

1. Bar supports may be necessary for fixed form paving to insure the bar remains in a horizontal position in the plastic concrete.
2. When tieing into old pavement, (T) represents the depth of sound Portland Cement Concrete.
3. Sealant or cleaning not required.
4. Placement of dowels or tie bars shall be in accordance with the current Standard Specification on "Reinforcement". The method of anchoring bars into existing pavement shall be as set forth in appropriate Materials Instructional Memorandums.
5. The following joints are interchangeable, subject to the pouring sequence:
   'BT-1','L-1' and 'KT-1'
   'KT-2' and 'L-2'
   'KT-3' and 'L-3'
6. Sawing or sealing of joint not required.



TYPICAL TIE BAR PLACEMENT
Applies to all joints unless otherwise detailed.

All dimensions given in millimeters unless noted.

METRIC VERSION

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN | **RH-51**

REVISION: Modify Detail 'A' and Section A-A. Change 750 mm to 200 mm in Table.

REVISION NO. 16

REVISION DATE 10-21-03

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

JOINTS
(LONGITUDINAL CONTRACTION)